

THE 1980 DEUEL CONFERENCE ON LIPIDS

PROGRAM COMMITTEE

Dr. John Kane, Chairman
Dr. William E. Connor Dr. Scott Grundy

ADVISORY BOARD

Dr. DeWitt S. Goodman
Chairman Dr. Donald M. Small
Dr. George J. Popják Dr. Edwin L. Bierman
Dr. Erwin H. Mosbach Dr. P. Roy Vagelos

ARRANGEMENTS CHAIRMAN

Dr. Richard J. Havel

FINANCE CHAIRMAN

Dr. Ralph T. Holman

TREASURER

Dr. Frank Lindgren

March 26, 1980 (6:00 p.m.)

to

March 29, 1980 (12:30 p.m.)

Highlands Inn, Carmel, California

These conferences are made possible through the generosity and vision of the following sponsors:

AMERICAN EGG BOARD

AMERICAN SOYBEAN ASSOCIATION

BEST FOODS,

A UNIT OF CPC/NORTH AMERICA

THE COUNCIL FOR TOBACCO RESEARCH

THE LILLY RESEARCH LABORATORIES

MEAD JOHNSON, NUTRITIONAL DIVISION

MERCK, SHARP & DOHME RESEARCH

LABORATORIES

THE PROCTER & GAMBLE COMPANY

G.D. SEARLE & COMPANY

UNILEVER RESEARCH

THE UPJOHN COMPANY

WARNER LAMBERT COMPANY

PROGRAM

Wednesday, March 26
6:00 p.m.

WINE TASTING AND DINNER
HIGHLANDS INN

NEW ASPECTS OF LIPOPROTEIN CATABOLISM

Thursday, March 27
9:00 a.m. — 12:30 p.m.
Chairman: Edwin L. Bierman

**HEPATIC UPTAKE AND CATABOLISM
OF LIPOPROTEINS CONTAINING
APOLIPOPROTEINS B & E**

Richard Havel

**LIPOPROTEIN BINDING TO HEPATIC MEMBRANES FROM
ESTROGEN-TREATED RATS**

Petri Kovanen

Discussants: Albert Jones
Claes-Henrik Florén

5:30 p.m.
DINNER

7:00 p.m. — 10:00 p.m.
Chairman: Scott Grundy

**DEGRADATION OF LDL BY PARENCHYMAL AND
NON-PARENCHYMAL CELLS**

Joseph Goldstein

Discussants: Tom Innerarity
Margaret Haberland

HEPATIC REMNANT RECEPTORS
Allen Cooper

Discussant: Karl Weisgraber

Friday, March 28
9:00 a.m. — 12:30 p.m.
Chairman: John Glomset

**HEPATIC VERSUS NON-HEPATIC
CATABOLISM OF LIPOPROTEINS**

Daniel Steinberg

**RECEPTOR ACTIVITY, CELLULAR CHOLESTEROL AND THE
CHOLESTEROL CONTENT OF THE EXTRACELLULAR
ENVIRONMENT**

Christopher Fielding

5:30 p.m.
DINNER

EMERGING ROLES FOR LIPOPROTEINS IN BIOLOGY

7:00 p.m. — 10:00 p.m.

I: LIPOPROTEINS AND CELLULAR ASPECTS OF IMMUNITY

Chairman: David Weinstein

INHIBITION OF CELL MEDIATED IMMUNITY

BY LIPOPROTEINS

Thomas Edgington

MOLECULAR MECHANISMS OF REGULATION OF T-LYMPHOCYTES BY LIPOPROTEINS

Judith Harmony

REGULATION BY LIPOPROTEINS OF THE TRANSFORMATION OF HUMAN B LYMPHOCYTES INDUCED BY EB VIRUS

Francis Chisari

CYTOTOXIC PROPERTIES OF VERY LOW DENSITY LIPOPROTEINS AGAINST PROSTATIC ADENOCARCINOMA CELLS

Sham-Yuen Chan

Discussants: Bradley Benson John Hibbs, Jr.

10:00 p.m.

SOCIAL HOUR: WINE TASTING

Saturday, March 29

9:00 a.m. — 12:30 p.m.

II: LIPOPROTEINS IN HUMORAL IMMUNITY

Chairman: Phoebe Fielding

ASSEMBLY OF LIPID AND PROTEIN COMPONENTS OF VIRAL ENVELOPES

Herbert Blough

ENDOGENEOUS MURINE TYPE C VIRUSES AND THEIR SPECIFIC NEUTRALIZATION BY NORMAL SERUM

Jay A. Levy

INHIBITION OF INFECTIVITY OF XENOTROPIC C VIRUS BY LIPOPROTEINS

John Kane

INTERACTION OF VESICULAR STOMATITIS VIRUS WITH VERY LOW DENSITY LIPOPROTEINS

Neil Cooper

THE-TRYPANOCIDAL EFFECT OF HDL

Mary Rifkin

INTERACTION OF BACTERIAL LIPOSACCHARIDES WITH PLASMA LIPOPROTEINS

Richard Ulevitch

Discussants: David Weinstein John Khoo

PARTICIPANTS AND INVITED GUESTS

- Dr. John J. Albers, University of Washington, Seattle
Dr. Roslyn B. Alfin-Slater, University of California, Los Angeles
Dr. J.V. Anastasia, The Procter and Gamble Company, Cincinnati
Dr. Alan Attie, University of California, San Diego, La Jolla
Dr. Hanoch Bar-On, V.A. Medical Center, Palo Alto
Dr. Frank Bell, The Upjohn Company, Kalamazoo
Dr. Bradley Benson, University of California, San Francisco
Dr. Thomas Bersot, Gladstone Foundation, San Francisco
Dr. Edwin L. Bierman, University of Washington, Seattle
Dr. Herbert A. Blough, University of Pennsylvania, Philadelphia
Dr. David Brennan, The Lilly Research Laboratories, Indianapolis
Dr. Thomas E. Carew, University of California, San Diego, La Jolla
Dr. Alan Chait, University of Washington, Seattle
Dr. Yu-sheng Chao, University of California, San Francisco
Dr. Harold A. Chapman, University of Utah, Salt Lake City
Dr. Francis Chisari, Research Institute of Scripps, La Jolla
Dr. William E. Conner, University of Oregon, Portland
Dr. David A. Cook, Mead Johnson, Nutritional Division, Evansville
Dr. Allen D. Cooper, Stanford University, Stanford
Dr. Neil Cooper, Scripps Clinic & Research Foundation, La Jolla
Dr. Linda Curtiss, Scripps Clinic & Research Foundation, La Jolla
Dr. Charles Day, The Upjohn Company, Kalamazoo
Mr. Erold Diller, The Lilly Research Laboratories, Indianapolis
Dr. William E. Dulin, The Upjohn Company, Kalamazoo
Dr. Howard Eder, Albert Einstein University, Bronx
Dr. Thomas Edgington, Scripps Clinic & Research Foundation, La Jolla
Dr. Peter A. Edwards, University of California, Los Angeles
Dr. David R. Erickson, American Soybean Association, St. Louis
Dr. Sandra K. Erickson, Stanford University, Stanford
Dr. Tünde Felker, University of California, San Francisco
Dr. F. Jeffrey Field, Stanford University, Stanford
Dr. Christopher Fielding, University of California, San Francisco
Dr. Phoebe Fielding, University of California, San Francisco
Dr. Claes-Henrik Florén, University of Washington, Seattle
Dr. J. Frolich, University of British Columbia, Vancouver

Dr. John A. Glomset, University of Washington, Seattle
Dr. Joseph L. Goldstein, University of Texas, Dallas
Dr. DeWitt S. Goodman, Columbia University, New York
Dr. Scott M. Grundy, University of California, San Diego
Dr. Lee S. Guertler, University of California, San Diego
Dr. Margaret E. Haberland, University of California, Los Angeles
Dr. Robert Hamilton, University of California, San Francisco
Dr. Judith A. Harmony, Indiana University, Bloomington
Dr. Richard J. Havel, University of California, San Francisco
Dr. John B. Hibbs, University of Utah, Salt Lake City
Dr. Robert C. Hockett, The Council for Tobacco Research, New York
Dr. Ralph T. Holman, University of Minnesota, Austin
Dr. U.M.T. Houtsmailler, Unilever Research, Netherlands
Dr. D. Roger Illingworth, University of Oregon, Portland
Dr. Tom Innerarity, Gladstone Foundation, San Francisco
Dr. Albert L. Jones, University of California, San Francisco
Dr. Petri Kovanen, University of Texas, Dallas
Dr. Ronald Jandacek, The Proctor and Gamble Company, Cincinnati
Dr. John P. Kane, University of California, San Francisco
Dr. John C. Khoo, University of California, San Diego
Dr. Ronald M. Krauss, University of California, Berkeley
Dr. Paulus A. Kroon, Merck Sharp & Dohme Research Laboratories, Rahway
Dr. Ram Pratap Kushwaha, Northwest Lipid Clinic, Seattle
Dr. Jay A. Levy, University of California, San Francisco
Dr. Frank T. Lindgren, University of California, Berkeley
Dr. Hiroshi Mabuchi, University of Washington, Seattle
Dr. Shymal Maitra, V.A. Wadsworth Medical Center, Los Angeles
Dr. Richard E. Maxwell, Warner Lambert Company, Kalamazoo
Dr. Hans-Jürgen Menzel, University of California, San Francisco
Dr. Alex V. Nichols, University of California, Berkeley
Dr. George V. O'Bleness, Searle Research and Development, Skokie
Dr. Robert K. Ockner, University of California, San Francisco
Dr. Robert E. Olson, St. Louis University, St. Louis
Dr. Ray C. Pittman, University of California, San Diego
Dr. Haydn Pritchard, University of British Columbia, Vancouver
Dr. Donald L. Puppione, University of California, Los Angeles
Dr. Julia Quint, University of California, Berkeley
Dr. Eve P. Reaven, V.A. Medical Center, Palo Alto
Dr. Gerald M. Reaven, V.A. Medical Center, Palo Alto

Dr. Mary Rifkin, The Rockefeller University, New York
Dr. Basil M. Rifkind, National Institute of Health Bethesda
Dr. Donald Schneider, Mead Johnson Nutritional Division,
Evansville
Dr. Michael C. Schotz, V.A. Wadsworth Medical Center,
Los Angeles
Dr. Verne N. Schumaker, University of California,
Los Angeles
Dr. Stephen Shohet, University of California, San
Francisco
Dr. Helen P. Shu, University of California, Berkeley
Dr. Marvin Siperstein, University of California, San
Francisco
Dr. Donald M. Small, Boston University Medical Center,
Boston
Dr. Daniel Steinberg, University of California, San Diego
Ms. Judith Trujillo, American Soybean Association,
St. Louis
Dr. Richard Ulevitch, Scripps Clinic & Research
Foundation, La Jolla
Dr. Ferdinand van't Hooft, University of California, San
Francisco
Dr. David B. Weinstein, University of California, San Diego
Dr. Jerry Weisbach, Warner Lambert Company, Ann Arbor
Dr. Karl H. Weisgraber, Gladstone Foundation, San
Francisco
Dr. Millie Hughes Wiley, University of California, San
Francisco
Dr. Eberhard Windler, University of California, San
Francisco